



White Pine County Sheriff's Office

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SCOTT HENRIOD
Sheriff

JAIME SWETCH
Captain

May 23, 2022

TO: Mayor Robertson and Ely City Council Members

RE: Traffic Study on Murry Street

FR: Sheriff Scott Henriod

As requested by the Ely City Council, the Sheriff's Office speed trailer was placed on Murry Street to obtain traffic numbers. The study was started on May 5th and ended on May 19th. During this time period it recorded 1,663 vehicles traveling on this roadway. The posted speed zone on this roadway is 20 MPH. 732 vehicles were reported traveling over the posted speed limit, but 719 of those were in the low range for the speeding violation. As the Ely City Council explores removing traffic signs from this roadway, I would ask them to take one thing into consideration and that is as the Boys and Girls Club moves forward with possibly acquiring the Murry Street School, this could cause more traffic in that area. I would request that the traffic control device at the intersection of Murry Street and 1st Ave. remains.

Respectfully,

Sheriff Scott Henriod

Place Currently Not Set
Traffic Survey Summary

Location: 700 block of Murry Street
Start Date: 5/2/2022
End Date: 5/19/2022

Zone: Residential
Start Time: 03:47:41
End Time: 01:30:33
Travel Direction: S

Speed	1 - 19	20 - 21	22 - 23	24 - 25	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35	36 - 37	38 - 39	40 - 999
Volume	773	310	242	175	98	39	18	4	2	0	0	2
% of Total	46.48%	18.64%	14.55%	10.52%	5.89%	2.34%	1.08%	0.24%	0.12%	0%	0%	0.12%
									Total Vehicles: 1663			

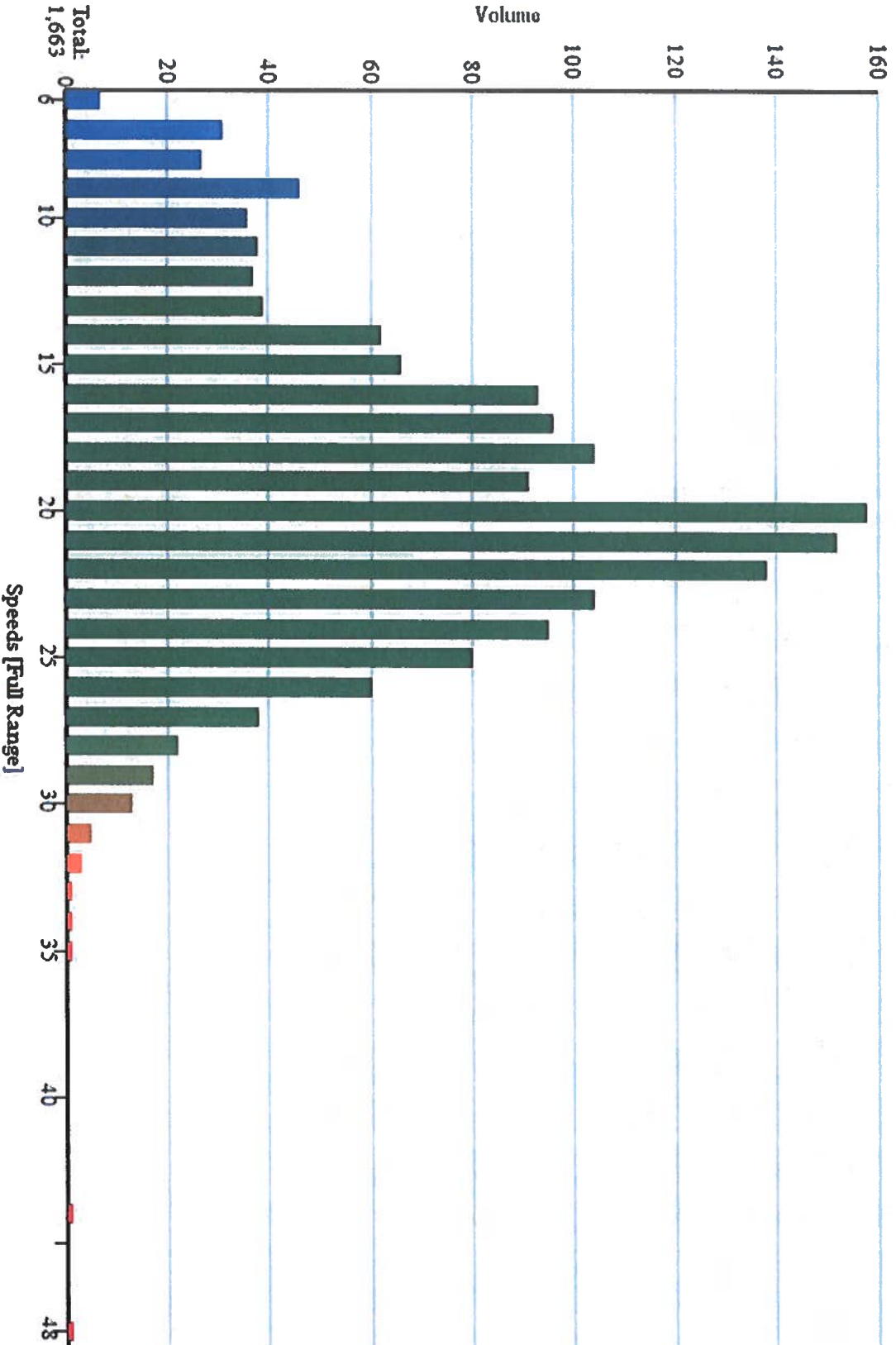
Speed Statistics		10 MPH Pace		Number Exceeding Limit				
Posted	20	Pace Speed	16 to 25	Speed	20+	30+	40+	Total
#At/Under Limit	931	# in Pace	1111	Number	719	11	2	732
# Over Limit	732	% in Pace	66.8%	Percent	43.23%	0.66%	0.12%	44.01%
Average Speed	19.11	85% Percentile	24					

Place Currently Not Set
Speed/Volume Graph

Location: 700 block of Murry Street
Dates: 5/2/2022 to 5/19/2022

Zone: Residential
Speed Limit: 20 MPH

Travel Direction: S

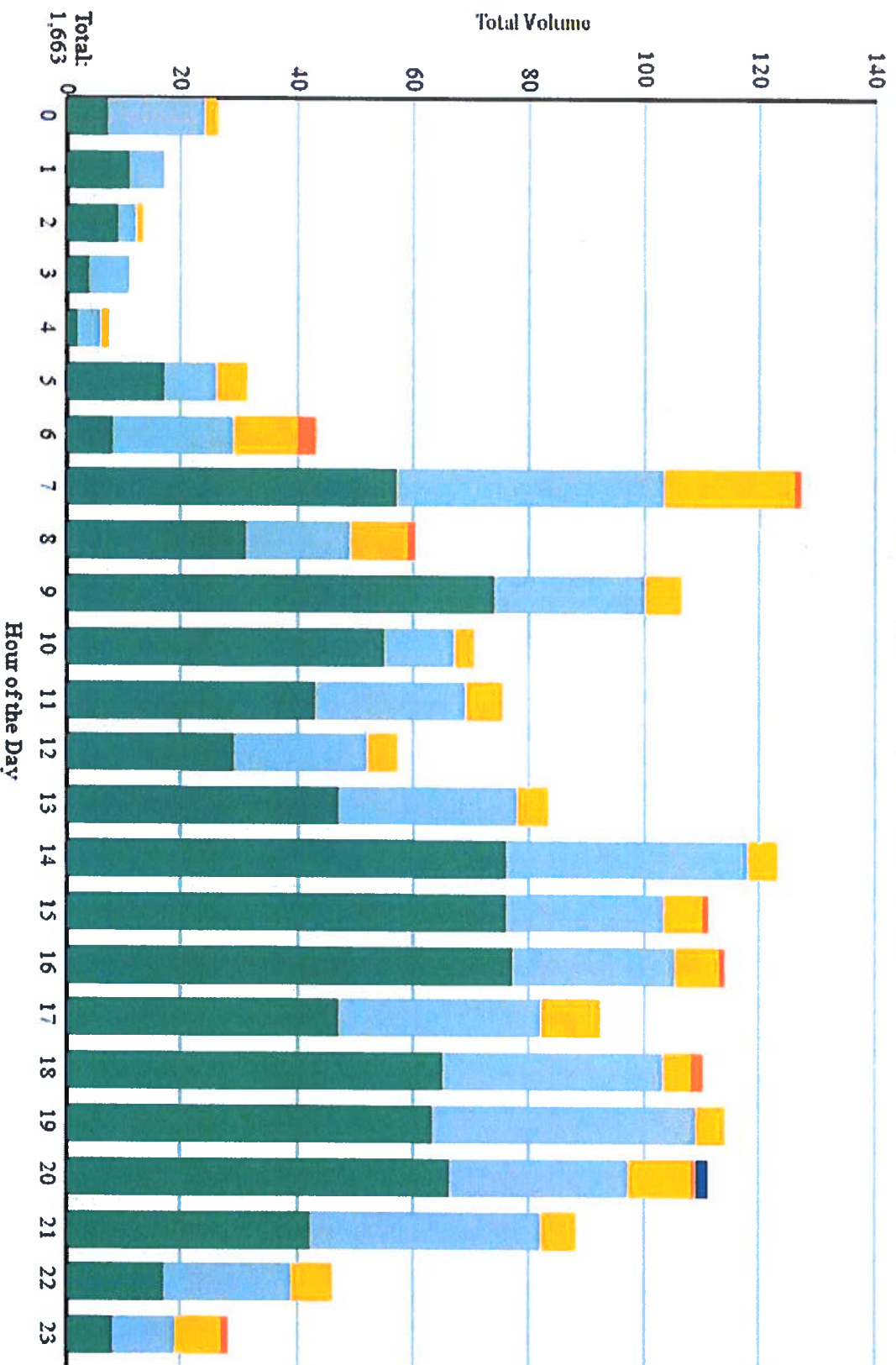


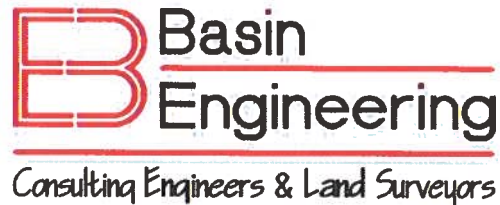
Place Currently Not Set
Speed/Time/Volume Graph

Location: 700 block of Murry Street
Dates: 5/2/2022 to 5/19/2022

Zone: Residential
Speed Limit: 20 MPH

Travel Direction: S





Date: June 14, 2022

To: Jennifer Lee, City Clerk

RE: Traffic Count Study for Murry Street and 1st Avenue

We have reviewed the Traffic Count Study and have analyzed the results based on engineering recommendations contained in The Manual of Uniform Traffic Control Devices (MUTCD) for Streets and Highways as approved by the Federal Highway Administration.

The total traffic count of 1,663 vehicles is for a time frame of approximately 17 days or an average of 98 vehicles per day. The busiest hour is 7 AM and averages 8 vehicles per hour. Per the engineering standards contained in the MUTCD, this volume of traffic does not meet the minimum suggested averages of 2,000 vehicles per day, 300 vehicles per hour, and no history of vehicle accidents to warrant stop signs.

Per City Code 6-4-5 Murry Street is designated as a through street. Our recommendation is for Murry Street to be signed as the through street with no STOP signs and have STOP signs at each side street entering Murry.

Per Section 2B.04 Paragraph 5 of the MUTCD. *YIELD or STOP signs should not be used for speed control.* A stop sign is used to assign right of way at an intersection, it is not an effective means to control speeding.

If you have any questions, please feel free to contact our office.

Sincerely

BASIN ENGINEERING CORPORATION

Emil (B.J.) W. Almberg, Jr., P.E./P.L.S.
Principal

